



PCT

RAW SEQUENCE LISTING

DATE: 10/08/2004

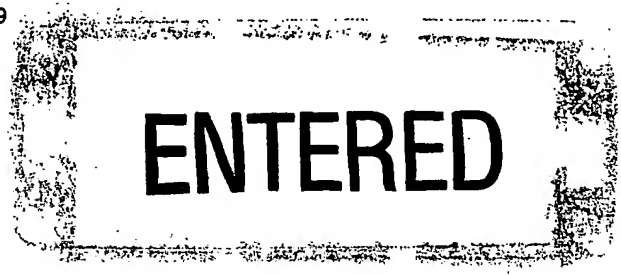
PATENT APPLICATION: US/10/509,669

TIME: 10:28:08

Input Set : A:\AG03-004C-US.txt

Output Set: N:\CRF4\10082004\J509669.raw

3 <110> APPLICANT: Agrinomics LLC
 5 <120> TITLE OF INVENTION: Generation of Plants with Improved Pathogen Resistance
 7 <130> FILE REFERENCE: AG03-004C-US
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/509,669
 C--> 9 <141> CURRENT FILING DATE: 2004-09-27
 9 <150> PRIOR APPLICATION NUMBER: US 60/368,613
 10 <151> PRIOR FILING DATE: 2002-03-27
 12 <160> NUMBER OF SEQ ID NOS: 3
 14 <170> SOFTWARE: PatentIn version 3.2
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 735
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Arabidopsis thaliana
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 26 caatccttcc ttttatctag ccctactgat aactactgtg atgacttctt tgcatttgaa 180
 28 tcatcaatca taaaagaaga aggaaaagaa gccaccgtgg cggccgagga ggaggagaag 240
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 60 Ser Ser Ser Ser Ser Trp Ser Ser Gln Glu Ser Phe Leu Trp Glu Glu
 61 20 25 30
 64 Ser Phe Leu His Gln Ser Phe Asp Gln Ser Phe Leu Leu Ser Ser Pro
 65 35 40 45
 68 Thr Asp Asn Tyr Cys Asp Asp Phe Phe Ala Phe Glu Ser Ser Ile Ile
 69 50 55 60
 72 Lys Glu Glu Gly Lys Glu Ala Thr Val Ala Ala Glu Glu Glu Lys
 73 65 70 75 80
 76 Ser Tyr Arg Gly Val Arg Lys Arg Pro Trp Gly Lys Phe Ala Ala Glu



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80 Ile Arg Asp Ser Thr Arg Lys Gly Ile Arg Val Trp Leu Gly Thr Phe
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84 Asp Thr Ala Glu Ala Ala Ala Leu Ala Tyr Asp Gln Ala Ala Phe Ala
85          115          120          125
88 Leu Lys Gly Ser Leu Ala Val Leu Asn Phe Pro Ala Asp Val Val Glu
89          130          135          140
92 Glu Ser Leu Arg Lys Met Glu Asn Val Asn Leu Asn Asp Gly Glu Ser
93 145          150          155          160
96 Pro Val Ile Ala Leu Lys Arg Lys His Ser Met Arg Asn Arg Pro Arg
97          165          170          175
100 Gly Lys Lys Lys Ser Ser Ser Ser Ser Thr Leu Thr Ser Ser Pro Ser
101          180          185          190
104 Ser Ser Ser Ser Tyr Ser Ser Ser Ser Ser Ser Ser Leu Ser Ser
105          195          200          205
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136          35          40          45
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143 Gln Asn Gly Asp Val Ser Asn Ser Glu Glu Glu Lys Val Gly Ile
144 65          70          75          80
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167 Asp Gly Gly Ser Pro Val Met Ala Leu Lys Arg Lys His Ser Leu Arg
168          165          170          175
171 Asn Arg Pro Arg Gly Lys Lys Arg Ser Ser Ser Ser Ser Ser Ser
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179 Arg Ser Ser Ser Lys Gln Ser Val Val Lys Gln Glu Ser Gly Thr Leu
180      210      215      220
183 Val Val Phe Glu Asp Leu Gly Ala Glu Tyr Leu Glu Gln Leu Leu Met
184 225      230      235      240
187 Ser Ser Cys
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/509,669

DATE: 10/08/2004

TIME: 10:28:09

Input Set : A:\AG03-004C-US.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date